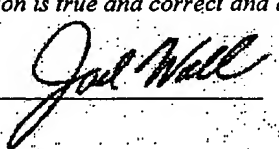


<b>Form PTO-1595</b> <b>U.S. DEPARTMENT OF COMMERCE</b> <b>Patent and Trademark Office</b> <b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		Attorney's Docket No. 03-4009		
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original document(s) or copy(ies) thereof.				
<b>1. Name of conveying party(ies):</b> 1) Vladimir Alexandrov Shurbanov 2) Jason Keith Redi  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies):</b>  Name: BBNT SOLUTIONS LLC  Address: 10 Moulton Street Cambridge, MA 02138  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  Other: _____  Execution Date: <u>All) February 20, 2004</u>				
<b>4. Application number(s) or patent number(s):</b>  If this document is being filed together with a new application, the execution date of the application is: <table style="width: 100%;"> <tr> <td style="width: 50%;"> <b>A. Patent Application No.(s)</b>            10/702,308         </td> <td style="width: 50%;"> <b>B. Patent No.(s)</b>    </td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<b>A. Patent Application No.(s)</b> 10/702,308	<b>B. Patent No.(s)</b>  
<b>A. Patent Application No.(s)</b> 10/702,308	<b>B. Patent No.(s)</b>  			
<b>5. Name and address of party to whom correspondence should be mailed:</b>  Name: Christian R. Andersen  Address: Verizon Corporate Services Group Inc. 600 Hidden Ridge Drive Mail Code: HQE03H14 Irving, Texas 75038  <b>CUSTOMER NUMBER: 32127</b>	<b>6. Total number of applications and patents involved: 1</b>  <b>7. Total fee (37 CFR 3.41): \$40.00</b>  <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorization to be charged to deposit account, if necessary.  <b>8. Deposit account number:</b>  07-2347			
<b>DO NOT USE THIS SPACE</b>				
<b>9. Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document</i>				
Joel Wall Name of Person Signing	Reg. No. <u>25,648</u> Signature	 Date <u>March 16, 2004</u>		
Total number of pages including cover sheet, attachments, and document: <u>3</u>				

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office  
 2011 South Clark Place  
 Customer Window, Mail Stop Assignment Recordation Services  
 Crystal Plaza Two, Lobby, Room 1B03  
 Arlington, Virginia 22202

FEB-20-2004 17:59 FROM BBN TECHNOLOGIES

TO 915714320888

P.01/05

Attorney's Docket No. 03-4009

**ASSIGNMENT**  
(Joint)  
Worldwide Rights

THIS ASSIGNMENT, by Vladimir Alexandrov Shurbanov, and Jason Keith Redi, residing at 11 Hazelwood Street, Malden, MA 02148 and 16 Ridge Road, Belmont, MA 02478 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR EFFICIENT PACKET DISTRIBUTION IN AN AD HOC NETWORK set forth in an application for Letters Patent of the United States,

- (1) ☐ which is a provisional application  
       (a) ☐ filed herewith; or  
       (b) ☐ bearing Application No. , and filed on ; or
- (2) ☒ which is a non-provisional application  
       (a) ☐ having an oath or declaration executed on even date herewith prior to filing of application;  
       (b) ☒ bearing Application No. 10/702,308, and filed on November 6, 2003; or  
       (c) ☐ filed herewith; and

WHEREAS, BBNT Solutions LLC, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 10 Moulton Street, Cambridge, MA 02138 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including any previously or subsequently filed provisional applications, for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, provisional applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or

Received: 20/ 2/04 8:38PM;

617 873 4523 -&gt; HARRITY&amp;BNYDER,LLP; Page 2

FEB-20-2004 18:00 FROM BBN TECHNOLOGIES

TO 915714320808

P.02/05

Joint Assignment  
Attorney's Docket No.: 03-4009

Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Vladimir Alexandrov Shurbanov  
Vladimir Alexandrov Shurbanov

Date: 01/20/2004

Jason Keith Redi  
Jason Keith Redi  
Date: 2/20/04

Kerth W Manning  
Witness Signature

Kerth W Manning  
Witness Name

[Signature]  
Witness Signature

Aleksiy Pikalo  
Witness Name

Received: 20/ 2/04 8:38PM;

617 873 4523 -&gt; HARRITY&amp;BNYDER,LLP; Page 3

FEB-20-2004 18:00 FROM BBN TECHNOLOGIES

TO 915714320808

P.03/05

Page 1 of 3

Attorney's Docket No. 03-4009

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SYSTEMS AND METHODS FOR EFFICIENT PACKET DISTRIBUTION IN AN AD HOC NETWORK, the specification of which ☒ was filed November 6, 2003 and assigned Serial No. 10/702,308 or ☐ is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s), designating at least one country other than the United States, listed below and have also identified below any foreign application(s) for patent or inventor's certificate, or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed:

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. 119	
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number	Date of Filing

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Received: 20/ 2/04 6:38PM;

617 873 4529 -&gt; HARRITY&amp;SNYDER,LLP; Page 4

FEB-20-2004 18:01 FROM BBN TECHNOLOGIES

TO 915714320808

P.04/05

Page 2 of 3

**Combined Declaration and Power of Attorney**  
**Attorney's Docket No. 03-4009**

U.S. Applications		Status (Check One)		
U.S. Application Number	U.S. Filing Date	Patented	Pending	Abandoned

PCT Applications Designating the U.S.					
PCT Application No.	PCT Filing Date	U.S. Serial Number Assigned (if any)			

I hereby appoint the following attorney and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Verizon Corporate Services Group Inc.; Leonard C. Suchyta, Reg. No. 25,707; Adam T. Bernstein, Reg. No. 36,746; and Joel Wall, Reg. No. 25,648.

Please address all correspondence to:  
 Verizon Corporate Services Group Inc.  
 600 Hidden Ridge Drive  
 Mailcode HQE03H14  
 Irving, Texas 75038

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Received: 20/ 2/04 6:39PM;

617 873 4623 -&gt; HARRITY&amp;SNYDER,LLP; Page 5

FEB-20-2004 18:01 FROM BBN TECHNOLOGIES

TO 915714320808

P.05/05

Page 3 of 3

Combined Declaration and Power of Attorney  
Attorney's Docket No. 03-4009

Full Name of First Inventor	Inventor's Signature	Date
Vladimir Alexandrov Shurbanov	<i>V Shurbanov</i>	02/20/2004
Residence	Country of Citizenship	
Malden, Massachusetts	Bulgaria	
Post Office Address		
11 Hazelwood Street, Malden, MA 02148		

Full Name of Second Inventor	Inventor's Signature	Date
Jason Keith Redi	<i>J Redi</i>	2/20/2004
Residence	Country of Citizenship	
Belmont, Massachusetts	U.S.	
Post Office Address		
16 Ridge Road, Belmont, MA 02478		

TOTAL 0 05